

IN THE CLAIMS

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Sub B'
6. (Amended) The method of claim 4 further including the step of applying an inverse Fourier transform operation to the M orthogonal frequency division multiplexed carriers in at least one of a downlink transmitter and an uplink transmitter of the system.

13
13. (Amended) The apparatus of claim 11 wherein an inverse Fourier transform operation is applied to the M orthogonal frequency division multiplexed carriers in a transmitter of the system.

14
20. (Amended) The apparatus of claim 18 wherein an inverse Fourier transform operation is applied to the M orthogonal frequency division multiplexed carriers in a transmitter of the system.